

ABSTRACT OF THE DISCLOSURE

A sealed nickel-metal hydride storage cell includes a positive electrode containing nickel as a positive electrode active material, a negative electrode containing a hydrogen-absorbing alloy as a negative electrode active material, a separator interposed between the positive electrode and the negative electrode and an electrolyte immersing therein the positive electrode and the negative electrode. The negative electrode has a theoretical capacity larger than a theoretical capacity of the positive electrode so as to provide a charge reserve capacity when the positive electrode is in a fully charged state and to provide a discharge reserve capacity when the positive electrode is in a fully discharged state. A ratio of the charge reserve capacity to the discharge reserve capacity ranges from 1 : 0 to 1 : 0.5.